



New set of claims 45 to 63 in Serial No. 10/086,902 in response to the Non-Compliant amendment Notice of February 2, 2004 ... These claims replace claims 1 through 32 and 34 through 44 in the last submitted amendment which was deemed non-compliant. The new claims are submitted in response to the Examiner's suggestion. The claims have again be amended to provide an identifier preceding each claim. Each claim is identified as "New".

Cancel claims 1 through 44, including claim 33 which was not submitted, and substitute the following new claims 45 through 63.

45. (New) A chemical change reagent for use as an additive to combustible materials to facilitate complete combustion, said reagent consisting essentially of a hydrocarbon wax, stearic acid or other fatty acid neutralized with a base, and water.

46. (New) A chemical change reagent as in claim 45 and further consisting essentially of titanium dioxide.

47. (New) A chemical change reagent as in claim 46 wherein the hydrocarbon wax is a member of the group consisting of paraffin wax, slack wax, microcrystalline wax, olefinic wax materials and mixtures thereof.

48. (New) A chemical change reagent as in claim 46 where said hydrocarbon wax is paraffin wax with paraffin oil.

49. (New) A chemical change reagent as in claim 45 and further consisting of ammonia.

50. (New) A chemical change reagent as in claim 45 and consisting essentially of 2.0% by weight of the stearic acid or other fatty acid.

51. (New) A chemical change reagent as in claim 45 and consisting essentially of 46% by weight of paraffin wax.

52. (New) A chemical change reagent as in claim 45 and further consisting essentially of 4.5% by weight of titanium dioxide.

53. (New) A chemical change reagent for use as a combustible fuel additive to enhance complete combustion, said reagent consisting of the following:

|                  |       |
|------------------|-------|
| Slack Wax        | 46.3% |
| Other wax        | 2.0%  |
| Ammonia          | 0.2%  |
| Titanium Dioxide | 4.5%  |
| Water            | 47.0% |

54. (New) A chemical change reagent as in claim 53 wherein said other wax is stearic acid.

55. (New) A chemical change reagent as in claim 53 wherein said other wax is paraffin wax.

56. (New) The method of assisting complete combustion of a material, said method comprising the step of applying to the material a chemical change reagent which consists essentially of a hydrocarbon wax, a second wax, ammonia and water.

57. ( New ) The method of claim 56 wherein said chemical change reagent further consists essentially of titanium dioxide.

58. ( New ) The method of claim 34 and further essentially consisting of a base for ph adjustment.

59. ( New ) The method of claim 58 wherein said base is Potassium hydroxide.

60. ( New ) The method of claim 58 wherein said base is Sodium hydroxide.

61. ( New ) The method of claim 56 wherein the waxes are present from one half of one percent to seventy percent by weight.

62. ( New ) A chemical change reagent for enhancing the combustion of coal, said reagent selected from the group consisting essentially by weight of:

|  |           |
|--|-----------|
| Waxes essentially consisting of paraffin wax and stearic acid or other fatty acids | ½% to 70% |
|  | ½% to 70% |
| Base for ph adjustment   | 0.2%      |

Water

30% to 99%

63. ( New ) A chemical change reagent as in claim 62 and further consisting essentially of titanium dioxide.